

Curriculum Vitae



Dr. Ronald Zuker As a paediatric plastic and reconstructive surgeon, his primary interest is in facial reanimation and is the recognized worldwide authority. Dr. Zuker is currently co-director of the Facial Paralysis Program at SickKids. He also has a major interest in the management of cleft lip and palate, and serves on the Plastic Surgery Council of the International Volunteer Organization “Operation Smile.” He also directs and coordinates the Educational Exchange Program between SickKids and The Guwahati Comprehensive Cleft Care Centre in Assam, India. He was the Medical Director of the SickKids Cleft Lip and Palate Program for over a decade.

Dr. Zuker is the past chairman of the American Academy of Pediatrics, Section of Plastic Surgery, Past President of the American Association of Pediatric Plastic Surgeons, and Past President of the American Society for Reconstructive Microsurgery. He is very active in teaching and in the training of future reconstructive surgeons. His clinical focus is on facial paralysis reconstruction, Moebius Syndrome, congenital naevi and cleft lip and palate.

He has lectured widely and is sought after as a visiting professor at national and international academic centres.

Clinical Care Activities

Facial paralysis in children

Moebius Syndrome

Paediatric microsurgery

Cleft lip and palate

Treatment of Congenital melanocytic naevi

Vascularized Composite Allotransplantation

Area of Specialty

Paediatric microsurgery, facial paralysis, cleft lip and palate, congenital naevi

Research Interests

Reconstructive surgery for extensive congenital melanocytic naevi

Vascularized composite allotransplantation in children

The role of the microsurgeon in a tertiary academic institution

Outcome measures in Facial Paralysis Reconstruction

Axon counts as an indicator of neural input in muscle transplantation surgery

The importance of early diagnosis and early fasciotomy in Volkman's Ischemia

The functional outcome of hand reconstruction in Apert's Syndrome

An app for cleft marking

President, American Association of Pediatric Plastic Surgery